

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and (convert\$4 near3 ((area light) or spotlight or (spot light) or floodlight or (flood light)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 15:25
L1	176849	(o ring) or o-ring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/27 10:14
L2	899	1 and flashlight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/27 10:14
L3	16	2 and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/27 10:15
S1	9603	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and (flashlight or (flash light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 08:22
S2	1020	S1 and ((area light) or spotlight or (spot light) or floodlight or (flood light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 07:10
S3	588	S2 and convert\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 07:10
S4	5027	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 07:16

## EAST Search History

S5	5	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and (convert\$4 near3 ((area light) or spotlight or (spot light) or floodlight or (flood light)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 07:40
S6	8964	362/157-208.cor.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 08:22
S7	667	362/157-208.cor. and ((LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and (flashlight or (flash light)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 08:22
S8	475	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:09
S9	392	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and shutter and lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:10
S10	157	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and shutter and lens and reflector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:18
S11	33	((LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and shutter and lens and reflector) not camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:12
S12	63	((LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and shutter) not camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:13
S13	3856	((LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight) not camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:13

## EAST Search History

S14	63	(((LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight) not camera) and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:14
S15	124	S10 not S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:37
S16	2	"6471367".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:53
S17	2	"20010006460".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 09:38
S18	2	"20050162848".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 10:00
S19	401	LED flashlight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 10:13
S20	1131	"362"/\$.cor. and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 10:14
S21	121	"362"/\$.cor. and shutter and (flashlight or (flash light))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 10:26
S22	35	("362"/\$.cor. and shutter and (flashlight or (flash light))) not camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/13 10:26

## EAST Search History

S23	593	tubular adj lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/23 13:44
S24	99	(tubular adj lens) and (LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 13:46
S25	6	(tubular adj lens) and (LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and (flashligh or (flash (light or lamp)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 13:51
S26	0	(tubular adj lens) and (LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashligh	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 13:51
S27	13	(tubular adj lens) and (LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 13:53
S28	5061	(LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 14:36
S29	2745	(LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and reflect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 13:55
S30	2116	(LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and reflect\$3 and ((power suppl\$3) or batter\$3 or (power cord))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 13:56
S31	235	(LED or LEDs or (L E D) or (light emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and reflect\$3 and ((power suppl\$3) or batter\$3 or (power cord)) and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 14:35

## EAST Search History

S32	1715	(LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element)))) and flashlight and reflect\$3 and ((power suppl\$3) or batter\$3 or (power cord)) and (shutter or blind\$3 or shield\$3 or cover\$3 or screen\$3 or obscur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 14:18
S33	19872	flashlight	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 14:35
S34	1858	flashlight with (LED or LEDs or (L E D) or (light (emitting or producing or generating or radiating) (diode or diodes or device or devices or element or elements or semiconductor or (semi conductor) or (circuit element))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 15:00
S35	314	362/321.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 15:00
S36	134	362/321.ccls. and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 15:01
S37	0	("1536623").URPN.	USPAT	OR	ON	2007/08/23 15:09
S38	3	("1738945").URPN.	USPAT	OR	ON	2007/08/23 15:12
S39	0	("1890360").URPN.	USPAT	OR	ON	2007/08/23 15:16
S40	6	("2259416").URPN.	USPAT	OR	ON	2007/08/23 15:54
S41	31	362/166.ccls.	USPAT	OR	ON	2007/08/23 15:56
S42	0	362/166.ccls. and shutter	USPAT	OR	ON	2007/08/23 15:58
S43	2	362/166.ccls. and (block\$3 near\$3 light)	USPAT	OR	ON	2007/08/23 16:00
S44	94	362/162.ccls.	USPAT	OR	ON	2007/08/23 16:00
S45	269	362/157.ccls.	USPAT	OR	ON	2007/08/23 16:00
S46	2	("1304088").URPN.	USPAT	OR	ON	2007/08/23 16:09

## EAST Search History

S47	94	362/162.ccls.	USPAT	OR	ON	2007/08/23 16:09
S48	132	362/167.ccls.	USPAT	OR	ON	2007/08/23 16:09
S49	1	(US-6174071-\$).did.	USPAT	OR	ON	2007/08/23 16:23
S50	7	(US-1890360-\$ or US-5510969-\$ or US-6102554-\$). did. or (US-1485777-\$ or US-1536623-\$ or US-1738945-\$ or US-1890360-\$).did	USPAT; USOCR	OR	ON	2007/08/23 16:23
S51	288	362/171.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:24
S52	2	362/171.ccls. and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/08/23 16:24
S53	46	("3953768"   "4249234"   "4268894"   "4321657"   "4384317"   "4527223"   "4590543"   "4605993"   "4648013").PN. OR ("4782432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:35
S54	83	("1823762"   "2338078"   "4286311").PN. OR ("4527223").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 16:45
S55	83	(US-1823762-\$ or US-2338078-\$ or US-4286311-\$ or US-4669449-\$ or US-4679547-\$ or US-4694822-\$ or US-4729367-\$ or US-4733337-\$ or US-4782432-\$ or US-4819141-\$ or US-4843526-\$ or US-4870548-\$ or US-4916588-\$ or US-4951183-\$ or US-4985812-\$ or US-4987523-\$ or US-5070438-\$ or US-5091611-\$ or US-5126927-\$ or US-5171086-\$ or US-5226722-\$ or US-5260858-\$ or US-5293307-\$ or US-5315494-\$ or US-5331528-\$ or US-5390091-\$).did. or (US-5498934-\$ or US-D368147-\$ or US-5501651-\$ or US-5506763-\$ or US-5548495-\$ or US-5586819-\$ or US-5590951-\$ or US-5629105-\$ or US-5642932-\$ or US-5671999-\$ or US-5678921-\$ or US-5749645-\$ or US-5806964-\$ or US-5833354-\$ or US-5865526-\$ or US-5909952-\$ or US-5959306-\$ or US-6000813-\$ or US-6045236-\$ or US-6145997-\$ or US-6161936-\$ or US-6170960-\$ or US-D436622-\$ or US-6193389-\$ or US-6193388-\$ or US-6196698-\$ or US-6345900-\$). did. or (US-6355935-\$ or US-6354715-\$ or US-D454651-\$ or US-6428182-\$ or US-RE38014-\$ or US-6554449-\$ or US-6590220-\$ or US-6588917-\$ or US-6761464-\$ or US-6802625-\$ or US-6802624-\$ or US-6841941-\$ or US-6905223-\$ or US-6991360-\$ or US-7001043-\$ or US-7001042-\$ or US-7001041-\$ or US-7116061-\$ or US-D530439-\$ or US-D530438-\$ or US-7122812-\$ or US-D531746-\$ or US-7157724-\$ or US-7186002-\$ or US-7188968-\$ or US-7220016-\$ or US-7229190-\$).did. or (US-7253557-\$).did. or (US-1823762-\$ or US-2338078-\$).did.	USPAT; USOCR	OR	ON	2007/08/23 16:54

## EAST Search History

S56	0	S55 and shutter	USPAT; USOCR	OR	ON	2007/08/23 16:55
S57	0	maglica.in. and shutter	USPAT; USOCR	OR	ON	2007/08/23 17:01
S58	0	maglica.in. and (light near2 block\$3)	USPAT; USOCR	OR	ON	2007/08/23 17:02
S59	37	("4286311"   "4388673"   "4527223"   "4577263"   "4656565"   "4658336"   "4819141"   "4823242"   "4841417"   "4851974"   "4864474"   "4885668"   "4899265"   "4942505"   "4956755"   "5003440"   "5008785"   "5113326"   "5121308"   "5143441"   "5158358"   "D268528"   "D307057"   "D314057").PN. OR ("D368147").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 17:04
S60	2	"4577263".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 15:26
S61	6	"1524205".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:32
S62	145	dalton-david.in. or dalton-david-\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:32
S63	1057	brown-john.in. or brown-john-\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:33
S64	15	kotsis-angelo.in. or kotsis-angelo-\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:33
S65	1142	S62 or S63 or S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:33
S66	6	S65 and flashlight and (tubular lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:34

## EAST Search History

S67	2	S65 and flashlight and (tubular lens) and shutter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/24 17:35
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